

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	5510	((main or primary or first) battery supply (current or voltage or power or energy or electricity) main and backup or standby battery (charged or charging or charges))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/09/27 10:31
L6	1940	5 and (battery and diode and (switch or switching or switched))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 11:06
L7	16	("5487956" "6727602" "4516066" "6143438" "6377029" "6734651" "6229279" "6545445").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 12:48
L8	2	("6181100").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 12:48
L9	7	("5254929" "5352966" "5568038" "5668463" "5896022").PN. OR ("6181100").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/27 13:48

EAST Search History

L10	0	(apparatus reliably supplying electrical energy as-needed basis to an electrical system battery charging functionally main battery one standby battery one-way charging circuit coupled between main battery one standby battery the one-way charging circuit configured facilitate charging prevent current flow one standby battery main battery supplying electrical energy switching device main battery one standby battery and the elcctrical system, the switching device being operable first position permit electrical energy main battery electrical system prevent electrical energy standby battery to the electrical system switching device second position independent first position least one standby battery electrical prevent electrical energy flowing main battery) .CLM.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/27 13:53
L11	0	(apparatus reliably supplying electrical energy as-needed basis to an electrical system battery charging functionally main battery one standby battery one-way charging circuit coupled between main battery one standby battery the one-way charging circuit configured facilitate charging prevent current flow one standby battery main battery supplying electrical energy switching device main battery one standby battery and the elcctrical system, the switching device being operable first position permit electrical energy main battery) .CLM.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/27 13:53
L13	0	(apparatus reliably supplying electrical energy as-needed basis to an electrical system battery charging functionally main battery battery supplying electrical energy switching device main battery one standby battery and the electrical system, the switching device being operable first position permit electrical energy main battery). CLM.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/27 13:54

EAST Search History

S1	49	(US-20030151386-\$ or US-20020036479-\$ or US-20050035737-\$ or US-20020195995-\$).did. or (US-6362597-\$ or US-6172478-\$ or US-6794848-\$ or US-5496654-\$ or US-4516066-\$ or US-4883728-\$ or US-3763415-\$ or US-5256502-\$ or US-5352966-\$ or US-5108848-\$ or US-4684580-\$ or US-5169735-\$ or US-6181100-\$ or US-6121750-\$ or US-6734651-\$ or US-5154985-\$ or US-6977482-\$ or US-5866274-\$ or US-6229279-\$ or US-6271642-\$). did. or (EP-987146-\$ or EP-987145-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 21:11
S2	488	320/103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 21:15
S4	109	S2 and (battery same diode same (switch or switching or switched))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 10:32
S5	929	320/104	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 22:05
S6	136	S5 and (battery same diode same (switch or switching or switched))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 22:19
S7	88	S6 NOT S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 22:19
S8	203	320/126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 22:19

EAST Search History

S9	49	S8 and (battery same diode same (switch or switching or switched))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 23:13
S10	45	S9 NOT S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 22:28
S12	15932	"320"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 22:29
S13	4379	S12 and (battery and diode and (switch or switching or switched))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 22:30
S15	12	S13 and (main battery supply (current or voltage or power or energy or electricity) main and backup or standby battery (charged or charging or charges))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/26 23:08
S16	1454	S13 and (((secondary or second or backup or auxiliary or standby or emergency) near battery) same (charges or charged or charging))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/26 22:41
S17	833	S16 and ((main or primary or first) near battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/26 22:42
S18	366	S17 and (vehicle or auto or automobile or hybrid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/26 22:44

EAST Search History

S19	363	S18 NOT S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/26 22:45
S20	130	((main or primary or first) battery supply (current or voltage or power or energy or electricity) main and backup or standby battery (charged or charging or charges))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/27 10:31
S21	124	S20 NOT S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/26 23:10
S22	5505	((main or primary or first) battery supply (current or voltage or power or energy or electricity) main and backup or standby battery (charged or charging or charges))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/09/26 23:13
S23	922	S22 and (battery same diode same (switch or switching or switched))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 23:37
S24	900	S23 NOT S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 23:22
S26	584	307/10.7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 23:37
S27	125	S26 and (battery same diode same (switch or switching or switched))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 23:51

EAST Search History

S28	247	S26 and (battery and diode and (switch or switching or switched))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 23:51
S29	122	S28 NOT S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 23:51